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MOBIL MATERIAL SAFETY DATA BULLETIN

MOBIL OIL CORPORATION
ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPT.

150 EAST 42ND STREET
NEW YORK, N.Y. 10017 (USA)

***** PRODUCT IDENTIFICATION *****
SOVASOL 5

SUPPLIER:
MOBIL OIL CORP.
CHEMICAL NAMES AND SYNONYMS:
PETROLEUM HYDROCARBONS
USE OR DESCRIPTION:
SOLVENT

HEALTH EMERGENCY TELEPHONE:
(212)883-4242
TRANSPORT EMERGENCY TELEPHONE:
(800)424-9300(CHEMTREC)
OTHER DESIGNATION:
(TRN 90506)

***** TYPICAL CHEMICAL AND PHYSICAL PROPERTIES *****

APPEARANCE:	VISCOSITY: AT 100 F, SUS	AT 40 C, CS
CLEAR LIQUID	<50.0	<8.0
ODOR:	VISCOSITY: AT 210 F, SUS	AT 100 C, CS
MILD	NE	NE
RELATIVE DENSITY: 15/4 C	SOLUBILITY IN WATER:	PH:
0.781	NEGLIGIBLE	NA
MELTING POINT: F(C)	POUR POINT: F(C)	
NA	NE	
BOILING POINT: F(C)	FLASH POINT: F(C) (METHOD)	
>300(149)	>102(39) (ASTM D56)	
VAPOR PRESSURE:MM HG 20C		
< 5.0		

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

***** INGREDIENTS *****

	WT PCT (APPROX)	TLV(TWA):	MG/M3	PPM
HAZARDOUS INGREDIENTS:				
ALIPHATIC PETROL. SOLVENT	85	(SUGGESTED)	575	100
AROMATIC PETROL. SOLVENT	15	(SUGGESTED)	575	100

NOTE: TLVS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

***** FIRE AND EXPLOSION HAZARD DATA *****

FLASH POINT: F(C) (METHOD) FLAMMABLE LIMITS: LEL UEL
> 102(39) (ASTM D56) 1.0 6.0
EXTINGUISHING MEDIA:
CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.
SPECIAL FIRE FIGHTING PROCEDURES:
FIREFIGHTERS MUST USE RECOMMENDED PROTECTIVE EQUIPMENT.
FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. COOL STORAGE
CONTAINERS WITH WATER SPRAY.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
MATERIAL IS COMBUSTIBLE.

***** HEALTH HAZARD DATA *****

THRESHOLD LIMIT VALUE: (IF ESTABLISHED)

100.00 PPM

EFFECTS OF OVEREXPOSURE:

MODERATE EYE IRRITATION. MODERATE SKIN IRRITATION. RESPIRATORY
IRRITATION, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS.

***** EMERGENCY AND FIRST AID PROCEDURES *****

EYE CONTACT:

FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. GET
MEDICAL ASSISTANCE.

SKIN CONTACT:

WASH CONTACT AREAS WITH SOAP AND WATER. LAUNDER CONTAMINATED
CLOTHING BEFORE REUSE.

INHALATION:

REMOVE FROM FURTHER EXPOSURE. IF UNCONSCIOUSNESS OCCURS, SEEK
IMMEDIATE MEDICAL ASSISTANCE AND CALL A PHYSICIAN. IF BREATHING HAS
STOPPED, USE MOUTH TO MOUTH RESUSCITATION.

INGESTION:

DO NOT INDUCE VOMITING. ADMINISTER VEGETABLE OIL. GET
MEDICAL ASSISTANCE. (NOTE TO PHYSICIAN: MATERIAL IF ASPIRATED INTO THE
LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY)

***** REACTIVITY DATA *****

STABILITY: (THERMAL, LIGHT, ETC.) CONDITIONS TO AVOID:

STABLE HEAT, SPARKS, FLAME AND BUILD UP OF STATIC
ELECTRICITY.

INCOMPATIBILITY: (MATERIALS TO AVOID)

STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

CONDITIONS TO AVOID:

***** SPILL OR LEAK PROCEDURE *****
ENVIRONMENTAL IMPACT:

REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER 800-424-8802.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

ELIMINATE ALL IGNITION SOURCES. ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

WASTE MANAGEMENT:

DISPOSE OF WASTE BY SUPERVISED INCINERATION IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS.

***** SPECIAL PROTECTION INFORMATION *****
EYE PROTECTION:

CHEMICAL TYPE GOGGLES SHOULD BE WORN.

SKIN PROTECTION:

IMPERVIOUS GLOVES SHOULD BE WORN.

RESPIRATORY PROTECTION:

APPROVED RESPIRATORY PROTECTIVE EQUIPMENT MUST BE USED WHEN VAPOR OR MIST CONCENTRATIONS EXCEED APPLICABLE STANDARDS.

VENTILATION:

VENTILATION DESIRABLE AND EQUIPMENT SHOULD BE EXPLOSION PROOF. USE IN WELL VENTILATED AREA.

OTHER:

***** SPECIAL PRECAUTIONS *****
HANDLING: AVOID CONTACT WITH EYES. AVOID CONTACT WITH SKIN.

STORAGE: STORE IN A COOL AREA. SEE APPENDIX FOR PRECAUTIONARY LABEL.
L158

STORED MATERIALS MUST BE LABELED AS: COMBUSTIBLE.

***** TOXICOLOGICAL DATA *****

ACUTE

ORAL TOXICITY: (RATS)

LD50: > 15 G/KG PRACTICALLY NONTOXIC

DERMAL TOXICITY: (RABBITS)

LD50: > 8 G/KG PRACTICALLY NONTOXIC

INHALATION TOXICITY: (RATS)

SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

EYE IRRITATION: (RABBITS)

MAY CAUSE MODERATE IRRITATION. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

SKIN IRRITATION: (RABBITS)

MODERATELY IRRITATING TO RABBITS. PRIMARY IRRITATION SCORE: 3.0/8

SUBACUTE AND MUTAGENICITY (SUMMARY)

CHRONIC OR SPECIALIZED (SUMMARY)

OTHER DATA

FILE CODES: (MOBIL USE ONLY)

(FILL NO: USPUR) MHC: 0 0 1* 2* 2 US740101E-12-76 APPROVE
8132

ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPT.

MANAGER OF PRODUCT SAFETY INFORMATION, PHONE: (212) 883-5594

REVISED:

4/ 6/82

APPENDIX

PRECAUTIONARY LABEL TEXT FOR PACKAGED PRODUCTS

PETROLEUM DISTILLATE

DANGER. COMBUSTIBLE MIXTURE
HARMFUL OR FATAL IF SWALLOWED.

KEEP AWAY FROM HEAT AND OPEN FLAME.
USE ONLY WITH ADEQUATE VENTILATION.
AVOID PROLONGED OR REPEATED SKIN CONTACT.
AVOID PROLONGED BREATHING OF MIST OR VAPOR.
IF SWALLOWED, DO NOT INDUCE VOMITING.
CALL PHYSICIAN IMMEDIATELY.

KEEP OUT OF REACH OF CHILDREN

MOBIL OIL CORPORATION, NEW YORK, N.Y. L-158(11-68)